



<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		Docket Number (Optional) 40296-0048										
	In re Application of CHA, Seon Yong											
	Application Number 10/734,294	Filed December 15, 2003										
	For MAGNETORESISTIVE RANDOM ACCESS MEMORY, AND MANUFACTURING METHOD THEREOF											
	Group Art Unit 2826	Examiner DICKEY, Thomas L.										
<p>This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response in the above identified application.</p> <p>The requested extension and appropriate non-small-entity fee are as follows (check time period desired):</p> <table style="width: 100%; border: none;"><tr><td style="width: 60%;"><input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))</td><td style="width: 40%; text-align: right;">\$120.00</td></tr><tr><td><input type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td><td style="text-align: right;">\$ _____</td></tr><tr><td><input type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td><td style="text-align: right;">\$ _____</td></tr><tr><td><input type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td><td style="text-align: right;">\$ _____</td></tr><tr><td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td><td style="text-align: right;">\$ _____</td></tr></table> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$ _____.</p> <p><input checked="" type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Commissioner has already been authorized to charge fees in this application to a Deposit Account.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>08-1641</u>.</p> <p>I have enclosed a duplicate copy of this sheet.</p> <p>I am the <input type="checkbox"/> applicant/inventor.</p> <p style="margin-left: 40px;"><input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71</p> <p style="margin-left: 80px;">Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).</p> <p><input checked="" type="checkbox"/> attorney or agent of record.</p> <p><input type="checkbox"/> attorney or agent under 37 CFR 1.34(a).</p> <p style="margin-left: 80px;">Registration number if acting under 37 CFR 1.34(a). _____.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div style="width: 45%; text-align: center;"><p>December 6, 2005</p><p>_____ Date</p><p>12/07/2005 SZEWD E1 00000087 10734294</p><p>01 FC:1251</p><p>120.00 OP</p></div><div style="width: 45%; text-align: center;"><p>_____ Signature</p><p>Stephen D. Huang Reg. No. 45,304</p><p>_____ Typed or printed name</p></div></div> <p style="font-size: small; margin-top: 10px;">NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"><input checked="" type="checkbox"/> *Total of 1 forms are submitted.</div>			<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$120.00	<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$ _____	<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$ _____	<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$ _____	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$ _____
<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$120.00											
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$ _____											
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$ _____											
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$ _____											
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$ _____											

12/07/2005 SZEWD E1 00000087 10734294  
01 FC:1251

## COMBINED FEE TRANSMITTAL

for FY 2005

Effective 12/08/2004. Patent fees are subject to annual revision.

PTO/SB/17 (12-04) (Revised) (For payment of 37 CFR 1.17 fees including (a), (g), (h), &amp; (i))

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$120.00)

Complete if Known

Application Number 10/734,294  
 Filing Date December 15, 2003  
 First Named Inventor CHA, SEON YONG  
 Examiner Name DICKY, THOMAS L.  
 Art Unit 2826  
 Attorney Docket No. 40296-0048

## METHOD OF PAYMENT (check one)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
☐ Deposit Account

Deposit Account Number: 08-1641

Deposit Account Name: Heller Ehrman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below  
☒ Credit any overpayments and charge any deficiencies  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the deposit account

## FEE CALCULATION (continued)

4. PETITION FEES UNDER 37 CFR 1.17 (f) Fee Paid  
 Fee Code: 1462 Fee \$ 400 For petitions filed under:  
 § 1.53(e); § 1.57(a); § 1.182; § 1.183; § 1.378(e); § 1.741(b)

5. PETITION FEES UNDER 37 CFR 1.17 (g) Fee Paid  
 Fee Code: 1463 Fee \$ 200 For petitions filed under:  
 § 1.12; § 1.14; § 1.47; § 1.59; § 1.103(a); § 1.136(b); § 1.295; § 1.296; § 1.377; § 1.550(c); § 1.956; § 5.12; § 5.15; § 5.25

6. PETITION FEES UNDER 37 CFR 1.17 (h) Fee Paid  
 Fee Code: 1464 Fee \$ 130 For petitions filed under:  
 § 1.19(g); § 1.84; § 1.91; § 1.102(d); § 1.138(c); § 1.313; § 1.314

7. PROCESSING FEES UNDER 37 CFR 1.17 (i) Fee Paid  
 Fee Code: 1808 (1803 for § 1.221) Fee \$ 130 For petitions filed under:  
 § 1.28(c)(3); § 1.41; § 1.48; § 1.52(d); § 1.53(b)(3); § 1.55; § 1.99(e); § 1.103(b); § 1.103(c); § 1.103(d); § 1.217; § 1.221; § 1.291(c)(5); § 1.497(d); § 3.81

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	135	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

SUBTOTAL (1) \$

## 2. EXTRA CLAIM FEES

Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
50	25	Each claim in excess of 20 or, for Reissues, each claim in excess of 20 and more than in the original patent
200	100	Each Independent claim in excess of 3 or, for Reissues, each independent claim more than in the original patent
360	180	Multiple dependent claim, if not already paid

Extra Claims		Fee from above	Fee Paid
Total Claims	-20** =	x	=
Independent Claims	-3** =	x	=

\*\*or number previously paid, if greater; For Reissues see below

Multiple Dependent

SUBTOTAL (2) \$

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof (round up to the whole number). See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)

Total Sheets	Extra Sheets	Number of each additional 50	Fee (\$)	Small Entity Fee (\$)
-100 =	/50 =		x 250 OR x 125	

SUBTOTAL (3) \$

## 8. OTHER FEES

Entity Fee (\$)	Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for <i>ex parte</i> reexamination	
920*	920*	Requesting publication of SIR prior to Examiner action	
1,840*	1,840*	Requesting publication of SIR after Examiner action	
120	60	Extension for reply within first month	120
450	225	Extension for reply within second month	
1,020	510	Extension for reply within third month	
1,590	795	Extension for reply within fourth month	
2,160	1,080	Extension for reply within fifth month	
500	250	Filing a brief in support of an appeal	
790	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1,510	1,510	Petition to institute a public use proceeding	
500	250	Petition to revive - unavoidably abandoned application	
1,500	750	Petition to revive - unintentionally abandoned application	
50	50	Processing fee for provisional apps (37 CFR 1.17(q))	
180	180	Submission of Information Disclosure Statement	
1,000	500	Request for oral hearing	
790	395	For each additional invention to be examined (37 CFR 1.129(b))	
790	395	Request for Continued Examination (RCE)	
900	900	Request for expedited examination of a design application	

Other fee (specify)

SUBTOTAL (4+5+6+7+8) \$120.00

\* Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Name (Print/Type) Stephen D. Huang Registration No. 45,304 Complete (if applicable)  
 Signature [Signature] Date 12/6/05 Telephone 202-912-2000  
 Customer No. 26633